



Patent Office  
Canberra

I, JONNE YABSLEY, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. PR 1588 for a patent by BRUCE SHARPE, BEVERLY SHARPE and IAN GORMAN filed on 21 November 2000.

I further certify that the name of the applicant has been amended to BRUCE GEORGE SHARPE and BEVERLEY IRENE SHARPE pursuant to the provisions of Section 104 of the Patents Act 1990.

WITNESS my hand this  
First day of November 2001

6

JONNE YABSLEY  
TEAM LEADER EXAMINATION  
SUPPORT AND SALES

RETRACTABLE NEEDLE  
SHARPE SAFE ©

- 1 This needle is designed to retract immediately after use, and can only be used once.
- 2 This product is to be supplied with the needlepoint housed within the Main Body to ensure it is maintained in a sterile condition and safe to handle. The Point is moved into position when the plunger is pushed down into place so as to load the Injection Chamber with fluid.
- 3 The retractable mechanism with the needlepoint is a separate assembly for ease of manufacturing, and once in place can only be operated after the Chamber has been loaded with fluid.
- 4 

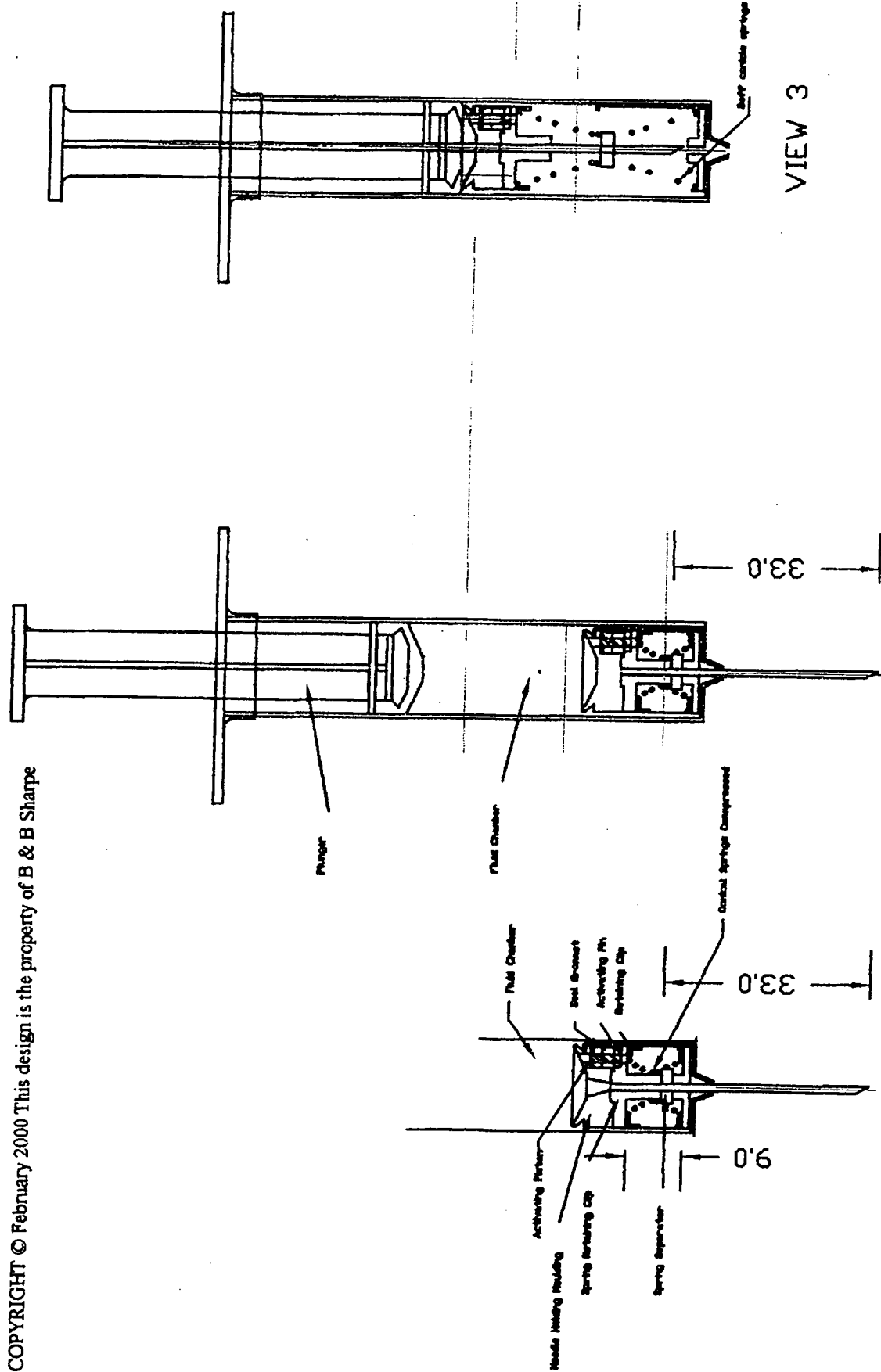
Inventive Step

  - (a) Once the fluid has been drawn into the fluid chamber, by the plunger to the required amount the release mechanism is ready to operate.
  - (b) When the plunger is pushed down and the fluid exerts pressure on the activating pistons set on a pitch circle around the Needle Holding Moulding, in this case 3 pistons equally spaced, the activating pin is pushed out to release the retaining clip.
  - (c) After the release has taken place the conical springs set the spring retaining cups apart until the hydraulic pressure of the fluid has been expressed and the needle point is forced to retract up into the chamber by the conical spring pressures shown in view3.
- 5 After use the product can be disposed of without injury or danger of contamination to others.

This Intellectual property is the property of Bruce George Sharpe and Beverley Sharpe

Dated 17 November 2000

*B Sharpe*      *B. Sharpe*



VIEW 3

Design	Quantity	Part Name	Quantity	Material	Notes
B Sharpe		Retractable Needle			
B & B SHARPE		RETRACTABLE NEEDLE			
2 Elfrida Street					
OLD TOONGABBIE 2145					
Part Number	001	Quantity	1	Page	2 of 2
Author	B Sharpe	Check By	02/02/00	Date	

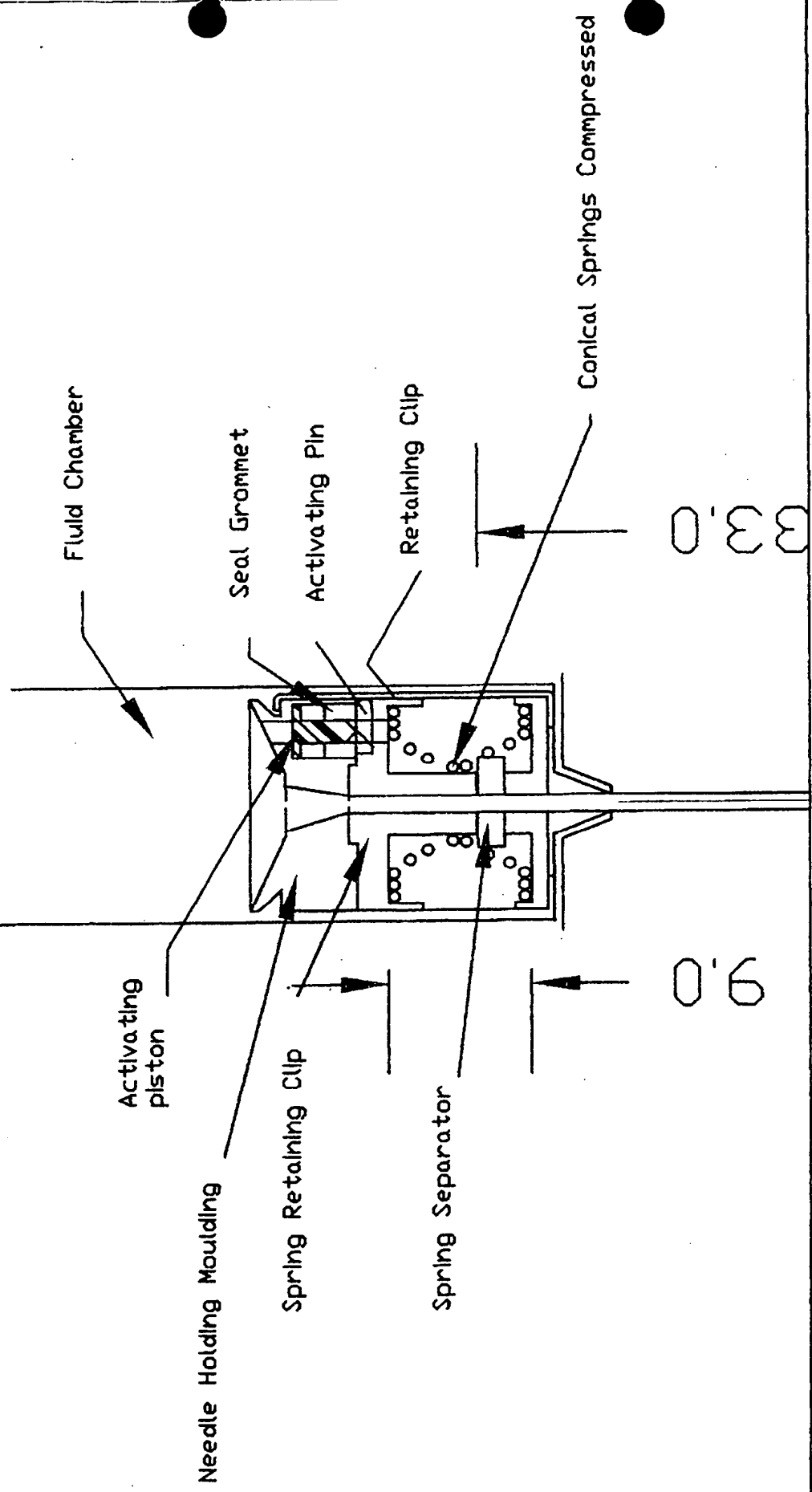
Revision	Notes	Date	Signature	Checked

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B&B.Sharpe.Good Light Pylt



Author	Quantity	City/State/Zip	Material	Quantity	Date
B Sharpe					02/02/00
RETRACTABLE NEEDLE					
B & B SHARPE 2 Elfrieda Street OLD TONGABBIE 2145				001	1 of 2

Rev/No	Revision note	Date	Signature	Checked